

**SECTOR
eCollision XML Schema
Version 1.0**

Washington State Department of Transportation

August 31, 2006

Disclaimer

The contents of this document are current as of the date shown.

Any software that creates an electronic collision record must incorporate the XML schema contained in this document in order for that collision record to be accepted by the Washington State Department of Transportation for inclusion into the Collision Location and Analysis System (CLAS).

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eCollision XML Schema – Version 1.0
August 31, 2006

eCollision XML Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns="http://www.wsp.wa.gov/sector" xmlns:xs="http://www.w3.org/2001/XMLSchema"
targetNamespace="http://www.wsp.wa.gov/sector" elementFormDefault="qualified"
attributeFormDefault="unqualified">
    <xs:element name="Incident">
        <xs:complexType>
            <xs:sequence>
                <xs:element ref="Location"/>
                <xs:element ref="Witness" minOccurs="0" maxOccurs="unbounded"/>
                <xs:element ref="Officer" maxOccurs="2"/>
                <xs:element ref="Narrative"/>
                <xs:element ref="Attachment" minOccurs="0" maxOccurs="unbounded"/>
                <xs:element ref="Collision"/>
            </xs:sequence>
            <xs:attribute name="Agency" type="xs:string" use="required"/>
            <xs:attribute name="CaseNumber" type="xs:string" use="optional"/>
            <xs:attribute name="DateTimeOfIncident" type="xs:dateTime" use="required"/>
            <xs:attribute name="Jurisdiction" type="xs:string" use="required"/>
            <xs:attribute name="LocalCode" type="xs:string" use="required"/>
            <xs:attribute name="UniqueIdentifier" type="xs:string" use="required"/>
            <xs:attribute name="hasWitnesses" type="xs:integer" use="required"/>
            <xs:attribute name="Version" type="xs:string" use="required"/>
        </xs:complexType>
    </xs:element>
    <xs:element name="Witness">
        <xs:complexType>
            <xs:sequence>
                <xs:element ref="Address"/>
            </xs:sequence>
            <xs:attribute name="DateOfBirth" type="xs:dateTime" use="required"/>
            <xs:attribute name="Filial" type="xs:string" use="required"/>
            <xs:attribute name="Firstname" type="xs:string" use="required"/>
            <xs:attribute name="Gender" type="xs:string" use="required"/>
            <xs:attribute name="Lastname" type="xs:string" use="required"/>
            <xs:attribute name="Middlename" type="xs:string" use="required"/>
            <xs:attribute name="NewAddress" type="xs:integer" use="required"/>
            <xs:attribute name="Phone1" type="xs:string" use="required"/>
            <xs:attribute name="Phone2" type="xs:string" use="required"/>
            <xs:attribute name="Type" type="xs:integer" use="required"/>
        </xs:complexType>
```

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```
</xs:element>
<xs:element name="Officer">
  <xs:complexType>
    <xs:attribute name="Agency" type="xs:string" use="optional"/>
    <xs:attribute name="BadgeId" type="xs:string" use="required"/>
    <xs:attribute name="Firstname" type="xs:string" use="required"/>
    <xs:attribute name="Lastname" type="xs:string" use="required"/>
    <xs:attribute name="MiddleInitial" type="xs:string" use="required"/>
    <xs:attribute name="Type" type="xs:integer" use="required"/>
  </xs:complexType>
</xs:element>
<xs:element name="Narrative">
  <xs:complexType>
    <xs:attribute name="DateLastModified" type="xs:dateTime" use="required"/>
    <xs:attribute name="Text" type="xs:string" use="required"/>
    <xs:attribute name="Type" type="xs:integer" use="required"/>
  </xs:complexType>
</xs:element>
<xs:element name="Attachment">
  <xs:complexType>
    <xs:attribute name="Status" type="xs:string" use="required"/>
    <xs:attribute name="Content" type="xs:string" use="required"/>
    <xs:attribute name="Name" type="xs:string" use="required"/>
    <xs:attribute name="FileName" type="xs:string" use="required"/>
  </xs:complexType>
</xs:element>
<xs:element name="Collision">
  <xs:complexType>
    <xs:sequence>
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      <xs:element ref="Pedalcycle" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="Pedestrian" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="PropertyOwner" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="Assistance" type="xs:integer" use="required"/>
    <xs:attribute name="Commercial" type="xs:integer" use="required"/>
    <xs:attribute name="Construction" type="xs:integer" use="required"/>
    <xs:attribute name="DateTimeArrived" type="xs:dateTime" use="required"/>
    <xs:attribute name="DateTimeDispatched" type="xs:dateTime" use="required"/>
    <xs:attribute name="DOTNumber" type="xs:string" use="required"/>
    <xs:attribute name="Fatalities" type="xs:integer" use="required"/>
    <xs:attribute name="Fire" type="xs:integer" use="required"/>
    <xs:attribute name="HAZMAT" type="xs:integer" use="required"/>
    <xs:attribute name="HitAndRun" type="xs:integer" use="required"/>
    <xs:attribute name="InjuredTransported" type="xs:integer" use="required"/>
    <xs:attribute name="LightConditionCode" type="xs:string" use="required"/>
    <xs:attribute name="LightConditionDescription" type="xs:string" use="required"/>
```

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```
<xs:attribute name="LocationCharacterCode" type="xs:string" use="required"/>
<xs:attribute name="LocationCharacterDescription" type="xs:string" use="required"/>
<xs:attribute name="NineOrMore" type="xs:integer" use="required"/>
<xs:attribute name="NumberOfMotorVehicles" type="xs:integer" use="required"/>
<xs:attribute name="NumberOfPedalcyclists" type="xs:integer" use="required"/>
<xs:attribute name="NumberOfPedestrians" type="xs:integer" use="required"/>
<xs:attribute name="NumberOfPropertyOwners" type="xs:integer" use="required"/>
<xs:attribute name="ObjectStruck" type="xs:string" use="required"/>
<xs:attribute name="RoadwayCharacterCode" type="xs:string" use="required"/>
<xs:attribute name="Supplemental" type="xs:string" use="required"/>
<xs:attribute name="SurfaceConditionCode" type="xs:string" use="required"/>
<xs:attribute name="SurfaceCondtnDescription" type="xs:string" use="required"/>
<xs:attribute name="Towed" type="xs:integer" use="required"/>
<xs:attribute name="TwoAxlesSixTires" type="xs:integer" use="required"/>
<xs:attribute name="WeatherCode" type="xs:string" use="required"/>
<xs:attribute name="WeatherDescription" type="xs:string" use="required"/>
<xs:attribute name="WorkZoneLocationCode" type="xs:string" use="required"/>
<xs:attribute name="WorkZoneTypeCode" type="xs:string" use="required"/>
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</xs:element>
<xs:element name="CollisionUnit">
  <xs:complexType>
    <xs:sequence>
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      <xs:element ref="Condition" minOccurs="0" maxOccurs="3"/>
      <xs:element ref="Passenger" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="Driver" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="Owner" minOccurs="0" maxOccurs="1"/>
      <xs:element ref="LicensePlate"/>
      <xs:element ref="Trailer" minOccurs="0" maxOccurs="2"/>
    </xs:sequence>
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    <xs:attribute name="ActionCode" type="xs:string" use="required"/>
    <xs:attribute name="ActionCodeDescription" type="xs:string" use="required"/>
    <xs:attribute name="AreaOfDamage" type="xs:string" use="required"/>
    <xs:attribute name="ClassCode" type="xs:string" use="required"/>
    <xs:attribute name="ColorCode" type="xs:string" use="required"/>
    <xs:attribute name="Commercial" type="xs:integer" use="required"/>
    <xs:attribute name="DamageThresholdCode" type="xs:string" use="required"/>
    <xs:attribute name="DirectionOfMovementFROM" type="xs:string" use="required"/>
    <xs:attribute name="DirectionOfMovementTO" type="xs:string" use="required"/>
    <xs:attribute name="ExemptCode" type="xs:string" use="required"/>
    <xs:attribute name="GovernmentVehicle" type="xs:integer" use="required"/>
    <xs:attribute name="HazmatTypeCode" type="xs:string" use="required"/>
    <xs:attribute name="HitAndRun" type="xs:integer" use="required"/>
    <xs:attribute name="LegallyStanding" type="xs:integer" use="required"/>
    <xs:attribute name="Make" type="xs:string" use="required"/>
```

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```
<xs:attribute name="Model" type="xs:string" use="required"/>
<xs:attribute name="Parked" type="xs:integer" use="required"/>
<xs:attribute name="PostedSpeed" type="xs:integer" use="required"/>
<xs:attribute name="RoadwaySurfaceCode" type="xs:string" use="required"/>
<xs:attribute name="RoadwaySurfaceDescription" type="xs:string" use="required"/>
<xs:attribute name="RoadwayTypeCode" type="xs:string" use="required"/>
<xs:attribute name="RoadwayTypeDescription" type="xs:string" use="required"/>
<xs:attribute name="Stolen" type="xs:integer" use="required"/>
<xs:attribute name="StyleCode" type="xs:string" use="required"/>
<xs:attribute name="TowCompany" type="xs:string" use="required"/>
<xs:attribute name="Towed" type="xs:integer" use="required"/>
<xs:attribute name="TrafficControlCode" type="xs:string" use="required"/>
<xs:attribute name="TrafficControlDescription" type="xs:string" use="required"/>
<xs:attribute name="UnderrideOverrideCode" type="xs:string" use="required"/>
<xs:attribute name="UnitNumber" type="xs:integer" use="required"/>
<xs:attribute name="VIN" type="xs:string" use="required"/>
<xs:attribute name="VehicleYear" type="xs:integer" use="required"/>
<xs:attribute name="hasPlate" type="xs:integer" use="required"/>
    <xs:attribute name="hasTrailers" type="xs:integer" use="required"/>
</xs:complexType>
</xs:element>
<xs:element name="CommercialUnitData">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Address"/>
        </xs:sequence>
        <xs:attribute name="CarrierName" type="xs:string" use="required"/>
        <xs:attribute name="InterIntraState" type="xs:string" use="required"/>
        <xs:attribute name="ICCNNumber" type="xs:string" use="required"/>
        <xs:attribute name="HazmatName" type="xs:string" use="required"/>
        <xs:attribute name="HazmatPlacardSuffixTypeCode" type="xs:string" use="required"/>
        <xs:attribute name="HazmatPlacardNumber" type="xs:string" use="required"/>
        <xs:attribute name="GVWR" type="xs:string" use="required"/>
        <xs:attribute name="Axles" type="xs:string" use="required"/>
        <xs:attribute name="CargoBodyTypeCode" type="xs:string" use="required"/>
        <xs:attribute name="NameSourceCode" type="xs:string" use="required"/>
        <xs:attribute name="VehicleTypeCode" type="xs:string" use="required"/>
        <xs:attribute name="USDOTNumber" type="xs:string" use="required"/>
        <xs:attribute name="HazmatPlacard" type="xs:string" use="required"/>
    </xs:complexType>
```

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```
</xs:element>
<xs:element name="Condition">
    <xs:complexType>
        <xs:attribute name="ConditionCode" type="xs:string" use="required"/>
    </xs:complexType>
</xs:element>
<xs:element name="Passenger">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="DriverLicense"/>
            <xs:element ref="Address"/>
        </xs:sequence>
        <xs:attribute name="AirBagCode" type="xs:string" use="required"/>
        <xs:attribute name="BAC" type="xs:string" use="required"/>
        <xs:attribute name="DateOfBirth" type="xs:dateTime" use="required"/>
        <xs:attribute name="EjectionCode" type="xs:string" use="required"/>
        <xs:attribute name="Filial" type="xs:string" use="required"/>
        <xs:attribute name="Firstname" type="xs:string" use="required"/>
        <xs:attribute name="Gender" type="xs:string" use="required"/>
        <xs:attribute name="HelmetUseCode" type="xs:string" use="required"/>
        <xs:attribute name="InjuryClassCode" type="xs:string" use="required"/>
        <xs:attribute name="InjuryNature" type="xs:string" use="required"/>
        <xs:attribute name="Lastname" type="xs:string" use="required"/>
        <xs:attribute name="Middlename" type="xs:string" use="required"/>
        <xs:attribute name="NewAddress" type="xs:integer" use="required"/>
        <xs:attribute name="Phone1" type="xs:string" use="required"/>
        <xs:attribute name="Phone2" type="xs:string" use="required"/>
        <xs:attribute name="RestraintSystemCode" type="xs:string" use="required"/>
        <xs:attribute name="SeatPositionCode" type="xs:string" use="required"/>
        <xs:attribute name="SeatPositionDescription" type="xs:string" use="required"/>
        <xs:attribute name="TicketCharges" type="xs:string" use="required"/>
        <xs:attribute name="TicketNumbers" type="xs:string" use="required"/>
        <xs:attribute name="Type" type="xs:integer" use="required"/>
        <xs:attribute name="hasDriversLicense" type="xs:integer" use="required"/>
    </xs:complexType>
</xs:element>
<xs:element name="Driver">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="DRE" minOccurs="0" maxOccurs="2"/>
            <xs:element ref="FACTOR" minOccurs="0" maxOccurs="3"/>
            <xs:element ref="RESTRICTION" minOccurs="0" maxOccurs="3"/>
            <xs:element ref="ENDORSEMENT" minOccurs="0" maxOccurs="3"/>
            <xs:element ref="DriverLicense"/>
            <xs:element ref="Address"/>
        </xs:sequence>
        <xs:attribute name="AirBagCode" type="xs:string" use="required"/>
    </xs:complexType>
</xs:element>
```

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```
<xs:attribute name="BAC" type="xs:string" use="required"/>
<xs:attribute name="DateOfBirth" type="xs:dateTime" use="required"/>
<xs:attribute name="EjectionCode" type="xs:string" use="required"/>
<xs:attribute name="Filial" type="xs:string" use="required"/>
<xs:attribute name="Firstname" type="xs:string" use="required"/>
<xs:attribute name="Gender" type="xs:string" use="required"/>
<xs:attribute name="HelmetUseCode" type="xs:string" use="required"/>
<xs:attribute name="InjuryClassCode" type="xs:string" use="required"/>
<xs:attribute name="InjuryNature" type="xs:string" use="required"/>
<xs:attribute name="InsuranceCompany" type="xs:string" use="required"/>
<xs:attribute name="InsurancePolicyNumber" type="xs:string" use="required"/>
<xs:attribute name="isOwner" type="xs:string" use="required"/>
<xs:attribute name="Lastname" type="xs:string" use="required"/>
<xs:attribute name="LiabilityInsurance" type="xs:integer" use="required"/>
<xs:attribute name="Middlename" type="xs:string" use="required"/>
<xs:attribute name="NewAddress" type="xs:integer" use="required"/>
<xs:attribute name="OnDuty" type="xs:integer" use="required"/>
<xs:attribute name="Phone1" type="xs:string" use="required"/>
<xs:attribute name="Phone2" type="xs:string" use="required"/>
<xs:attribute name="RestraintSystemCode" type="xs:string" use="required"/>
<xs:attribute name="SeatPositionCode" type="xs:string" use="required"/>
<xs:attribute name="SeatPositionDescription" type="xs:string" use="required"/>
<xs:attribute name="TicketCharges" type="xs:string" use="required"/>
<xs:attribute name="TicketNumbers" type="xs:string" use="required"/>
<xs:attribute name="SobrietyCode" type="xs:string" use="required"/>
<xs:attribute name="Type" type="xs:integer" use="required"/>
<xs:attribute name="hasDriversLicense" type="xs:integer" use="required"/>

    </xs:complexType>
</xs:element>
<xs:element name="RESTRICTION">
    <xs:complexType>
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    </xs:complexType>
</xs:element>
<xs:element name="ENDORSEMENT">
    <xs:complexType>
        <xs:attribute name="CodeValue" type="xs:string" use="required"/>
    </xs:complexType>
</xs:element>
<xs:element name="Owner">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Address"/>
        </xs:sequence>
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        <xs:attribute name="Filial" type="xs:string" use="required"/>
        <xs:attribute name="Firstname" type="xs:string" use="required"/>
```

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```
<xs:attribute name="Gender" type="xs:string" use="required"/>
<xs:attribute name="InsuranceCompany" type="xs:string" use="required"/>
<xs:attribute name="InsurancePolicyNumber" type="xs:string" use="required"/>
<xs:attribute name="Lastname" type="xs:string" use="required"/>
<xs:attribute name="LiabilityInsurance" type="xs:integer" use="required"/>
<xs:attribute name="MiddleName" type="xs:string" use="required"/>
<xs:attribute name="NewAddress" type="xs:integer" use="required"/>
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<xs:attribute name="Phone2" type="xs:string" use="required"/>
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</xs:complexType>
</xs:element>
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        <xs:attribute name="State" type="xs:string" use="required"/>
    </xs:complexType>
</xs:element>
<xs:element name="Trailer">
    <xs:complexType>
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    </xs:complexType>
</xs:element>
<xs:element name="Pedalcycle">
    <xs:complexType>
        <xs:sequence>
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            <xs:element ref="PedalcyclistDriver" minOccurs="0" maxOccurs="1"/>
        </xs:sequence>
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        <xs:attribute name="DirectionOfMovementFROM" type="xs:string" use="required"/>
        <xs:attribute name="DirectionOfMovementTO" type="xs:string" use="required"/>
        <xs:attribute name="RoadwaySurfaceCode" type="xs:string" use="required"/>
        <xs:attribute name="RoadwaySurfaceDescription" type="xs:string" use="required"/>
        <xs:attribute name="RoadwayTypeCode" type="xs:string" use="required"/>
        <xs:attribute name="RoadwayTypeDescription" type="xs:string" use="required"/>
        <xs:attribute name="TrafficControlCode" type="xs:string" use="required"/>
        <xs:attribute name="TrafficControlDescription" type="xs:string" use="required"/>
        <xs:attribute name="UnitNumber" type="xs:string" use="required"/>
    </xs:complexType>
```

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```
</xs:element>
<xs:element name="PedalcyclistPassenger">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="DriverLicense" minOccurs="0" maxOccurs="1"/>
            <xs:element ref="Address"/>
        </xs:sequence>
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        <xs:attribute name="BAC" type="xs:string" use="required"/>
        <xs:attribute name="DateOfBirth" type="xs:dateTime" use="required"/>
        <xs:attribute name="EjectionCode" type="xs:string" use="required"/>
        <xs:attribute name="Filial" type="xs:string" use="required"/>
        <xs:attribute name="Firstname" type="xs:string" use="required"/>
        <xs:attribute name="Gender" type="xs:string" use="required"/>
        <xs:attribute name="HelmetUseCode" type="xs:string" use="required"/>
        <xs:attribute name="InjuryClassCode" type="xs:string" use="required"/>
        <xs:attribute name="InjuryNature" type="xs:string" use="required"/>
        <xs:attribute name="Lastname" type="xs:string" use="required"/>
        <xs:attribute name="Middlename" type="xs:string" use="required"/>
        <xs:attribute name="NewAddress" type="xs:integer" use="required"/>
        <xs:attribute name="Phone1" type="xs:string" use="required"/>
        <xs:attribute name="Phone2" type="xs:string" use="required"/>
        <xs:attribute name="SobrietyCode" type="xs:string" use="required"/>
        <xs:attribute name="TicketCharges" type="xs:string" use="required"/>
        <xs:attribute name="TicketNumbers" type="xs:string" use="required"/>
        <xs:attribute name="Type" type="xs:integer" use="required"/>
        <xs:attribute name="TypeCode" type="xs:string" use="required"/>
        <xs:attribute name="VisibilityCode" type="xs:string" use="required"/>
        <xs:attribute name="WasUsingCode" type="xs:string" use="required"/>
        <xs:attribute name="hasDriversLicense" type="xs:integer" use="required"/>
    </xs:complexType>
</xs:element>
<xs:element name="PedalcyclistDriver">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="DRE" minOccurs="0" maxOccurs="2"/>
            <xs:element ref="FACTOR" minOccurs="0" maxOccurs="3"/>
            <xs:element ref="DriverLicense"/>
            <xs:element ref="Address"/>
        </xs:sequence>
        <xs:attribute name="ActionCode" type="xs:string" use="required"/>
        <xs:attribute name="BAC" type="xs:string" use="required"/>
        <xs:attribute name="DateOfBirth" type="xs:dateTime" use="required"/>
        <xs:attribute name="EjectionCode" type="xs:string" use="required"/>
        <xs:attribute name="Filial" type="xs:string" use="required"/>
        <xs:attribute name="Firstname" type="xs:string" use="required"/>
        <xs:attribute name="Gender" type="xs:string" use="required"/>
```

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```
<xs:attribute name="HelmetUseCode" type="xs:string" use="required"/>
<xs:attribute name="InjuryClassCode" type="xs:string" use="required"/>
<xs:attribute name="InjuryNature" type="xs:string" use="required"/>
<xs:attribute name="Lastname" type="xs:string" use="required"/>
<xs:attribute name="Middlename" type="xs:string" use="required"/>
<xs:attribute name="NewAddress" type="xs:integer" use="required"/>
<xs:attribute name="Phone1" type="xs:string" use="required"/>
<xs:attribute name="Phone2" type="xs:string" use="required"/>
<xs:attribute name="SobrietyCode" type="xs:string" use="required"/>
<xs:attribute name="TicketCharges" type="xs:string" use="required"/>
<xs:attribute name="TicketNumbers" type="xs:string" use="required"/>
<xs:attribute name="Type" type="xs:integer" use="required"/>
<xs:attribute name="TypeCode" type="xs:string" use="required"/>
<xs:attribute name="VisibilityCode" type="xs:string" use="required"/>
<xs:attribute name="WasUsingCode" type="xs:string" use="required"/>
<xs:attribute name="hasDriversLicense" type="xs:integer" use="required"/>
</xs:complexType>
</xs:element>
<xs:element name="Pedestrian">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="DRE" minOccurs="0" maxOccurs="2"/>
      <xs:element ref="FACTOR" minOccurs="0" maxOccurs="3"/>
      <xs:element ref="DriverLicense"/>
      <xs:element ref="Address"/>
    </xs:sequence>
    <xs:attribute name="ActionCode" type="xs:string" use="required"/>
    <xs:attribute name="BAC" type="xs:string" use="required"/>
    <xs:attribute name="DateOfBirth" type="xs:dateTime" use="required"/>
    <xs:attribute name="DamageThresholdCode" type="xs:string" use="required"/>
    <xs:attribute name="DirectionOfMovementFROM" type="xs:string" use="required"/>
    <xs:attribute name="DirectionOfMovementTO" type="xs:string" use="required"/>
    <xs:attribute name="EjectionCode" type="xs:string" use="required"/>
    <xs:attribute name="Filial" type="xs:string" use="required"/>
    <xs:attribute name="Firstname" type="xs:string" use="required"/>
    <xs:attribute name="Gender" type="xs:string" use="required"/>
    <xs:attribute name="HelmetUseCode" type="xs:string" use="required"/>
    <xs:attribute name="InjuryClassCode" type="xs:string" use="required"/>
    <xs:attribute name="InjuryNature" type="xs:string" use="required"/>
    <xs:attribute name="Lastname" type="xs:string" use="required"/>
    <xs:attribute name="Middlename" type="xs:string" use="required"/>
    <xs:attribute name="NewAddress" type="xs:integer" use="required"/>
    <xs:attribute name="Phone1" type="xs:string" use="required"/>
    <xs:attribute name="Phone2" type="xs:string" use="required"/>
    <xs:attribute name="SobrietyCode" type="xs:string" use="required"/>
    <xs:attribute name="TicketCharges" type="xs:string" use="required"/>
    <xs:attribute name="TicketNumbers" type="xs:string" use="required"/>
```

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```
<xs:attribute name="Type" type="xs:integer" use="required"/>
<xs:attribute name="TypeCode" type="xs:string" use="required"/>
<xs:attribute name="VisibilityCode" type="xs:string" use="required"/>
<xs:attribute name="WasUsingCode" type="xs:string" use="required"/>
<xs:attribute name="hasDriversLicense" type="xs:integer" use="required"/>
<xs:attribute name="RoadwaySurfaceCode" type="xs:string" use="required"/>
<xs:attribute name="RoadwaySurfaceDescription" type="xs:string" use="required"/>
<xs:attribute name="RoadwayTypeCode" type="xs:string" use="required"/>
<xs:attribute name="RoadwayTypeDescription" type="xs:string" use="required"/>
    <xs:attribute name="TrafficControlCode" type="xs:string" use="required"/>
<xs:attribute name="TrafficControlDescription" type="xs:string" use="required"/>
<xs:attribute name="UnitNumber" type="xs:string" use="required"/>
</xs:complexType>
</xs:element>
<xs:element name="PropertyOwner">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Address"/>
        </xs:sequence>
        <xs:attribute name="DamageThresholdMet" type="xs:integer" use="required"/>
        <xs:attribute name="DateOfBirth" type="xs:dateTime" use="required"/>
        <xs:attribute name="Filial" type="xs:string" use="required"/>
        <xs:attribute name="Firstname" type="xs:string" use="required"/>
        <xs:attribute name="Gender" type="xs:string" use="required"/>
        <xs:attribute name="Lastname" type="xs:string" use="required"/>
        <xs:attribute name="Middlename" type="xs:string" use="required"/>
        <xs:attribute name="NewAddress" type="xs:integer" use="required"/>
        <xs:attribute name="Phone1" type="xs:string" use="required"/>
        <xs:attribute name="Phone2" type="xs:string" use="required"/>
        <xs:attribute name="Type" type="xs:integer" use="required"/>
        <xs:attribute name="UnitNumber" type="xs:string" use="required"/>
    </xs:complexType>
</xs:element>
<xs:element name="Location">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="LatLong"/>
        </xs:sequence>
        <xs:attribute name="BlockNbr" type="xs:string" use="optional"/>
        <xs:attribute name="CityNumber" type="xs:string" use="optional"/>
        <xs:attribute name="CountyFIPS" type="xs:string" use="optional"/>
        <xs:attribute name="DirectionFromCity" type="xs:string" use="optional"/>
        <xs:attribute name="DirectionFromReference" type="xs:string" use="optional"/>
        <xs:attribute name="DistanceFromReference" type="xs:decimal" use="optional"/>
        <xs:attribute name="InOfCity" type="xs:integer" use="optional"/>
        <xs:attribute name="Intersection" type="xs:integer" use="optional"/>
        <xs:attribute name="MilePost" type="xs:decimal" use="optional"/>
```

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```
<xs:attribute name="MilesFeetCode" type="xs:string" use="optional"/>
<xs:attribute name="MilesFromCity" type="xs:decimal" use="optional"/>
<xs:attribute name="PrimaryTrafficWay" type="xs:string" use="optional"/>
<xs:attribute name="ReferenceTrafficWay" type="xs:string" use="optional"/>
<xs:attribute name="TribeReservationCode" type="xs:string" use="optional"/>
</xs:complexType>
</xs:element>
<xs:element name="LatLong">
    <xs:complexType>
        <xs:attribute name="Latitude" type="xs:decimal" use="optional"/>
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    </xs:complexType>
</xs:element>
<xs:element name="Address">
    <xs:complexType>
        <xs:attribute name="Street1" type="xs:string" use="optional"/>
        <xs:attribute name="Street2" type="xs:string" use="optional"/>
        <xs:attribute name="City" type="xs:string" use="optional"/>
        <xs:attribute name="State" type="xs:string" use="optional"/>
        <xs:attribute name="Zip" type="xs:string" use="optional"/>
    </xs:complexType>
</xs:element>
<xs:element name="DriverLicense">
    <xs:complexType>
        <xs:attribute name="isStateIdenticard" type="xs:string" use="required"/>
        <xs:attribute name="CommercialClassCode" type="xs:string" use="required"/>
        <xs:attribute name="isMilitary" type="xs:string" use="required"/>
        <xs:attribute name="Expires" type="xs:dateTime" use="required"/>
        <xs:attribute name="Number" type="xs:string" use="required"/>
        <xs:attribute name="State" type="xs:string" use="required"/>
        <xs:attribute name="Scanned" type="xs:string" use="required"/>
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</xs:element>
<xs:element name="DRE">
    <xs:complexType>
        <xs:attribute name="CodeValue" type="xs:string" use="required"/>
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</xs:element>
<xs:element name="FACTOR">
    <xs:complexType>
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    </xs:complexType>
</xs:element>
</xs:schema>
```